



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of

Confirmation No. 7710

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

Application No. 10/092,343

Filed: March 5, 2002

For: **SCANNING MAGNETISM
DETECTOR AND PROBE**

Group Art Unit: 2878

Examiner: Christopher M. Kalivoda

Date: September 19, 2003

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

1. Pursuant to their duty of disclosure, applicants present for the Examiner's consideration the documents listed on the accompanying Form PTO-1449.

☒ Copies of the documents are enclosed.

☐ Copies (a copy) of document(s) _____ are (is) not enclosed because (1) they are already of record in U.S. Pat. Application No. _____, filed _____, on which this application relies for an earlier filing date under 35 U.S.C. § 120, and (2) any information disclosure statement filed in the prosecution of U.S. Pat. Application No. _____, complies with 37 C.F.R. §§ 1.98(a) and (c). (37 C.F.R. § 1.98(d).)

2. ☐ Applicant(s) draw(s) the Examiner's attention to the enclosed copy of copending U.S. Pat. Application No. _____, filed _____, for _____, which is cited in this application.

3. This information disclosure statement is being submitted:

a. ☐ Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. (No statement under 37 CFR 1.97(e) is required.)

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- b. ☒ After the period set forth in paragraph 1a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)
- i. ☒ A \$180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is enclosed.
- ii. ☐ A statement specified by 37 CFR 1.97(e) is set forth below.
- c. ☐ After the mailing date of a final action or notice of allowance and on or before payment of an issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. Enclosed is a \$180.00 information disclosure statement processing fee set forth in 37 CFR 1.17(p).
4. ☐ The attorney or agent signing below hereby states that:
- ☐ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.
5. ☐ Applicants set forth below concise explanations of the relevance of each document not in the English language and/or selected documents in the English language.

Respectfully submitted,

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
12336/7:1APPLICATION NO.
10/092,343INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)APPLICANTS: Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi HirotaFILING DATE
March 5, 2002GROUP
2878

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	2001264230 A	26.09.01	Japan	G01N	13/16	abstract only	
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	K. Sueoka and K. Mukasa, <i>Development of Spin-Dependent Scanning Tunneling Microscopy</i> , School of Engineering, Hokkaido University and CREST, JST, Vol. 24, No. 12, 2000.
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.